**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 22 June 2024 |
| Team ID | SWTID1720019632 |
| Project Name | HOUSE RENT APP USING MERN |
| Maximum Marks | 3 Marks |
| Team Members | * Madhavv Viswanath K * Mohnishwar D * Hiruthick SM * Ganesh S |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Develop a user-friendly house rental platform to streamline property searches, automate tenant verification, manage leases, ensure timely payments, and efficiently handle maintenance requests, enhancing the rental experience for all stakeholders. |
|  | Idea / Solution description | Create an integrated rental platform featuring advanced search filters, automated tenant screening, digital lease management, secure online payment systems, and efficient maintenance request handling to simplify and enhance the rental process. |
|  | Novelty / Uniqueness | Combines advanced search algorithms, automated tenant verification and seamless rental experience. |
|  | Social Impact / Customer Satisfaction | 1. Increasing Access to Housing: By providing a platform for landlords to list them properties, the app can increase the availability of rental housing options, especially in areas where housing is scarce.  2. Empowering Tenants: Tenants can use the app to find suitable housing that meets their needs and budget, giving them more control over their living arrangements. |
|  | Business Model (Revenue Model) | * Listing Fees * Subscription Plans * Market Expansion |
|  | Scalability of the Solution | The platform can easily scale to accommodate a growing number of users, properties, and locations, with robust cloud infrastructure ensuring reliable performance and efficient handling of increased demand and data. |